

Japanese Unexamined Patent Publication

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The following is a partial English translation of exemplary portions of non-English language information that may be relevant to the issue of patentability of the claims of the present application.

Effects

In the present invention, a pair of a liquid crystal panel and a ferroelectric liquid crystal panel are used. The ferroelectric liquid crystal panel turns on/off light. The transmission through liquid crystal does not reach a designated value immediately after voltage application. After the start of pixel voltage application, the ferroelectric liquid crystal panel is activated to block light until the pixel reaches a steady state. Therefore, in the liquid crystal video projector, light is not projected onto the screen before the pixel reaches a steady state. That is, there is no light output while the image would appear blurred.

Figure 6(c): Light is blocked for each period of t .

Figure 6(d): Frames are 1/30 second long